Trinity point Marina		**Month**	**Contractor**		**Most recent event**	
Historical probe data		Feb-19	Enviropacific		27-Feb-19	
site	Date	Depth average Parameter				
		Temperature [c]	pH [pH units]	Turbidity [NTU]	DO (%)	EC (mS/cm)
A	06-Feb-19	28.2	8.2	2.4	96.6	53.3
	13-Feb-19	27.4	8.2	6.8	93.9	54.8
	20-Feb-19	27.7	8.4	4.2	97.4	55.0
	27-Feb-19	25.6	7.5	4.5	100.9	54.8
	Max	**28.2**	**8.4**	**6.8**	**100.9**	**55.0**
	Min	**25.6**	**7.5**	**2.4**	**93.9**	**53.3**
B	06-Feb-19	29.2	8.2	2.5	88.6	53.7
	13-Feb-19	27.9	8.2	4.7	88.2	54.5
	20-Feb-19	27.8	8.3	4.5	101.6	54.9
	27-Feb-19	26.6	8.3	2.5	92.7	54.8
	Max	**29.2**	**8.3**	**4.7**	**101.6**	**54.9**
	Min	**26.6**	**8.2**	**2.5**	**88.2**	**53.7**
C	06-Feb-19	28.3	8.2	3.0	93.8	54.0
	13-Feb-19	27.3	8.2	4.9	89.9	54.4
	20-Feb-19	27.8	8.3	5.1	92.4	54.7
	27-Feb-19	26.2	8.3	2.9	97.2	54.7
	Max	**28.3**	**8.3**	**5.1**	**97.2**	**54.7**
	Min	**26.2**	**8.2**	**2.9**	**89.9**	**54.0**
D	06-Feb-19	28.5	8.2	2.4	93.0	54.3
	13-Feb-19	27.6	8.2	5.0	88.5	54.7
	20-Feb-19	27.7	8.3	3.0	91.1	54.6
	27-Feb-19	26.5	8.3	3.1	95.1	54.4
	Max	**28.5**	**8.3**	**5.0**	**95.1**	**54.7**
	Min	**26.5**	**8.2**	**2.4**	**88.5**	**54.3**
Relevant Trigger Values[b]		Reference[c]	**6.5-8.5**	**20**	**80-110**	Reference[c]

Notes

Results shaded in grey exceed relevant trigger values

[a] Results suspected to be erroneous; possibly affected by faulty sensor or poor calibration not identified as min or max value

[b] sourced from section L2.4 of the EPL issued to JPG and/or Tables 3.3.2 and 3.3.3 of the ANZECC guidelines

[c] Reference data typically refers to site specific data collected over long periods that can be used to establish appropriate trigger values for that particular area

[w] represents a wet weather monitoring event

105041	Contractor	Sampler	Phone	Event Date	Event Type	Weather	Wind
Analytical Lab Results	Enviropacific	AH	0421 139 011	13-Feb-19	Sample analysis	high alt dust clouds	0-10 km/h S

Analysis	LOR	Unit	Site ID				Trigger Values[a]
			A	B	C	D	
Suspended Solids	5	mg/L	16	18	14	<5	10[b]
Total Nitrogen	0.05	mg/L	0.2	0.248	0.228	0.206	0.3
Total PAH	0.001	mg/L	na	na	na	na	-
Phosphate Total as P[f]	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	0.03
TRH C10 - C36	0.1	mg/L	na	na	na	na	-
TRH C6 - C9	0.02	mg/L	na	na	na	na	-
BTEX							
Benzene	0.001	mg/L	na	na	na	na	-
Toluene	0.001	mg/L	na	na	na	na	-
Ethylbenzene	0.001	mg/L	na	na	na	na	-
Total Xylenes	0.003	mg/L	na	na	na	na	-
Dissolved Metals							
Cadmium[c]	0.0002	mg/L	0.0002	<0.0002	0.0002	<0.0002	0.0055[d]
Chromium	0.0005	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	0.0044[e]
Copper	0.001	mg/L	0.002[g]	0.002[g]	0.002[g]	0.002[g]	0.0013
Tin	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	-
Zinc	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	0.015[d]

NOTES

Shaded results indicate exceedence of 95% ANZECC Trigger Value(s) and/or value is 20% greater than that of background sites

Dashes (-) indicate applicable data is not provided in ANZECC guidelines (2000)

[a]Values sourced from Table 3.3.2 of ANZECC Guidelines (2000) unless otherwise stated; only 95% trigger values are represented

[b]Sourced from Table 4.4.2 of ANZECC Guidelines (2000)

[c]Species for which possible bioaccumulation and secondary poisoning effects should be considered

[d]Figure may not protect key test species from chronic toxicity

[e]Value given specifically for Cr(IV)

[f]Analyte corresponds to "Total Phosphorus" referred to in ANZECC Guidelines (2000)

[g]Elevated measurement is unlikely to be related to construction activities